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CENTRAL INTELLIGENCE AGENCY

REPORT

INFORMATION REPORT

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SUBJECT

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8 June 1953

Comparison of Raw Materials Required and Allotted
the HV Schwermaschinenbau, Ministry of Machine
Construction

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SUPPLEMENT TO
REPORT NO.

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The following lists the amounts of various products required by the
HV Schwermaschinenbau, Ministerium fuer Maschinenbau, in 1953, and
compares these figures with the actual amounts allocated. The com-
parison represents the position as of 22 November 1952. Unless other-
wise noted, all amounts are in metric tons.

25 YEAR RE-REVIEW

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Raw Material Requirements and Promised Deliveries.Main Administration for Heavy Machine Construction

<u>Description of Article</u>	<u>Requirements According to Key</u>	<u>Allocation</u>
Foundry pig iron	118,476	121,915
Steel pig	3,993	12,532
Eisengeleisen	3,685	2,391
Other pig iron	255	---
Siemens-Martin steel	16,433	---
Semi-finished products for rolling mills	83	---
Semi-finished products for forges and presses	82,914	47,500
NP (profiles) 8 - 18	13,672	6,600
NP (profiles) 80 and above	28,546	12,900
Normal rails	464	130
Field railway rails	135	160
Bar steel up to 30 mm.	19,318	8,880
Bar steel over 30 mm.	68,756	43,470
Bar steel from high grade steels	6,646	3,020
Band steel	271	300
Rolled wire	74	370
Armco sheet	0.1	---
Sheet with special magnetic properties	---	0.
Other sheet from special steels	0.14	---
Other types of rolled steel not mentioned above	8.5	---
Boiler sheet	21,628	29,090
Sheet with acceptance specifications (Abnahme Bedingungen)	7,172	14,000
Other industrial sheet 5mm. and over	66,190	5,260
Medium sheet	12,699	5,200
Dynamo sheet	190	80
Transformer sheet	---	---

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Raw Material Requirements and Promised DeliveriesMain Administration for Heavy Machine Construction

<u>Description of Article</u>	<u>Requirements According to Key</u>	<u>Allocations</u>
Sheathing and body sheet	24	—
Sheet, 0.9 - 3.0 mm.	9,762	6,570
Sheet, under 0.9 mm.	424	460
Sheet and bands from machine tool steel	102	25
Tires (Bandagen)	1,171	—
Seamless pipes	18,994	9,710
Welded gas and water-main pipes	1,343	230
Cold-rolled band steel	166	280
Spring band steel	39	23
Rod drawn products	3,640	3,948
Mild steel, drawn	19	8
Pipes redrawn cold (kalt nachgezogen)	275	26
Ferrosilicon, content 45 per cent silicon	5,682	4,000
Ferromanganese, Basis Carbure (sic) ¹	2,990	3,800
Ferrochromium, Basis Carbure (sic) ¹	1,116	3,680
Ferrotungsten	1	1
Ferromolybdenum	5	20
Ferrovanadium	5	20
Ferrotitanium	1	1
Ferrophosphorus	2	65
Other iron alloys not specified	13	105
Refined and electrolytic copper	1,180	762.5
Refined and electrolytic lead	121	66
Zinc and zinc alloys from remelting	1,223	132
Pure (T) zinc and refinery crude zinc	373.5	1,019.5
Crude tin	116	78
Pure tin	8	56
Nickel	142	108
Selenium	—	—
Aluminum and aluminum alloys from remelting	7,114	3,500

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Raw Material Requirements and Promised DeliveriesMain Administration for Heavy Machine Construction

<u>Description of Article</u>	<u>Requirements According to Key</u>	<u>Allocations</u>
Primary aluminum pig and alloys	910	400
Magnesium and magnesium alloys	1,914	1,100
Brass and Tombac	954	360
Red brass (5 basis)	2,020	658
Bronze (Cbc-10 basis)	185	344
Bearing metal (100 10 basis)	204	153
Bearing metal (100 80 basis)	92	27
Soldering tin (Content 30 percent)	48	35
Rolled products from copper	402	275
Rolled products from brass	741	155
Rolled products from bronze	6	2.5
Rolled products from aluminum	210	90
Rolled products from lead	90	12
Rolled products from zinc	0.24	
Other rolled products from non-ferrous metals	0.4	
Steel scrap		99,300
Scrap iron		202,454
Gray iron castings	90,217	106,500
Malleable iron castings	3,026	3,290
Electric steel castings	7,914	
Siemens-Martin steel castings	14,761	
Bessemer steel castings	656	25,400
Other steel mould castings (Stahlformguss)	5,107	
Unfinished forged pieces (Freiformguss)	16,574	21,284
Drop-forged pieces	4,640	
Copper mould castings	3	
Bronze mould castings	1,500	175

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Raw Material Requirements and Promised Deliveries,
Main Administration for Heavy Machine Construction

<u>Description of Article</u>	<u>Requirements According to Key</u>	<u>Allocati</u>
Alternating current motors - over 2,000 kW (unit)	70	
Crane motors (unit)	3,927	
Cut coniferous lumber, main product (cubic meters)	48,758	1,000
Cut coniferous lumber, byproduct (cubic meters)	3,704	3,700

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1. Comment: Carbure is French for carbide. Carbon is not
precipitated out, but remains in the alloy as carbide.

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Raw Material Requirements and Promised Deliveries.Main Administration for Heavy Machine Construction

<u>Plan Position Number</u>	<u>Description of Article</u>	<u>Requirements According to Key</u>	<u>Allocation</u>
130	Brass mould castings	1,615	179
140	Red brass (Rotguss)	886	850
150	Aluminum mould castings	813	885
4715160	Zinc mould castings	31	
170	Magnesium mould castings	517	55
990	Other nonferrous metals	228	
4811100	Open-link chains	290	362
200	Sprockets or Gall's Chains (Gelenkketten)	416	129
4813100	Wire netting	11	1.1
200	Wire gauze	25	13
4814000	Stranded wire	470	647
4818100	Polished screws (Blankschrauben)	945	580
300	Wooden Screws	29.5	8
400	Screws and nuts	2,186	1,300
4821000	Rivets	2,233	1,000
4823900	Nails and brads	401	250
5111111	Alternating current motors 0.25 - 1 KW (unit)	12,063	11,205
112	Alternating current motors 1 - 10 KW (unit)	25,746	11,258
5111113	Alternating current motors 10 - 50 KW (unit)	5,325	2,318
114	Alternating current motors 50 - 100 KW (unit)	725	527
115	Alternating current motors Over 100 KW (unit)	364	215
116	Alternating current motors up to 1,000 KW (unit)	44	68

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